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(54) OSCILLATING PRESS-IN DEVICE OF VERTICAL SHAFT CASING**(57) Abstract:**

PURPOSE: To use a general purpose caterpillar type power shovel, etc., for drilling as it is at the time of forming a vertical shaft by way of press fitting a casing underground and to use it as a counterweight at the time of press fitting the casing simultaneously.

CONSTITUTION: A footboard 11 is installed on a base 2 set on the ground surface concerning an oscillating press fitting device to press fit cylindrical vertical shafts casings 31-33 by way of gripping, rotating and oscillating them. Weight of a power shovel is used as a counter-weight by devising a crawler 24 of the power shovel for drilling the inside of the casings to get on the footboard 11.

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